

*B'*

event is defined, in the processor, independently from the action for any other type of financial event. It cannot assume a specific type for any nested financial event, only that the nested events adhere to the stated interfaces. These interfaces can be used to provide processor independent information about the internally nested events."

Attached hereto is a separate paper showing in marked form the amendment being made to this paragraph of the specification.

IN THE CLAIMS

Cancel claims 11-16 without prejudice.

*B* Amend claim 17 to read as follows:

*B1*  
*B2*

17 (AMENDED). A data processing system for financial instruments, comprising representations of one or more financial instruments, said representations of financial instruments having a macro structure containing financial events relative to said instrument, and a generic traversal process implemented via a double dispatch mechanism, wherein said traversal process is applied to said macro structure to implement one or more functions that produce results based on said macro structure, wherein each said function is implemented as a specific extension of said traversal process to generate a specified type of result, wherein each traversal process is based on a well defined interface between the financial events contained in said macro structure and said traversal process, wherein the action to be performed for each type of financial event is defined, in said traversal process, independently from the action for any other type of financial event, and wherein the double dispatch mechanism of said traversal process selects the appropriate action for each financial event without predetermined knowledge of the overall referential structure of said macro structure.

*B2*  
*B3*

Amend claim 18 to read as follows:

**18 (AMENDED).** The system of claim 17, wherein a nested double dispatch mechanism initiated inside the action for a given financial event can select the appropriate action for any financial event referred to locally within the financial event.

Add new claim 20 as follows:

**20. (NEW).** The system of claim 17, wherein said financial instruments are described in a declarative specification language comprising financial event templates, said templates are parameterized to form a static representation of said financial instrument, a processor independent interface is provided for each event in said template that references another event, and wherein said macro structure results from a process within said system that transforms said static representation into a timeline of financial events that constitutes said macro structure, and said processing is performed for each type of financial event independently from the processing performed for any other type of financial event.

Attached hereto is a separate paper showing in marked form the amendments being made to claims 17 and 18.

#### INFORMATION DISCLOSURE STATEMENT

Applicant requests that the Examiner consider and make of record the document entitled "Kapital Object Model" cited in the further Information Disclosure Statement submitted herewith.